

5.2-5.5

5.2

Thm 5.10

Properties

- def of neg.

$$a = b \text{ or } c \quad a > b \quad a > c$$

Ext. \angle neg. thm

$$m\angle 1 > m\angle 4$$

$$m\angle 1 > m\angle 3$$

Which \angle is greatest?Name all of the \angle s smaller than...5.3

Indirect proof

① Assume conclusion
is false (prove)

② Reason until *Contradict

③ Our assumption is false given
 \therefore Concl. is true5.4 Δ Ineq. thm

$$a + b > c$$

c is largest

dist. formula

5.5 2 Δ s

SSS

SAS Ineq

A, S, N
questions

Suggested
Review

p275-76
11-17, 19, 21-27

p277 7-9, 13-17